

Converting Colors

YUV(226.5520, 2.6859,
-21.5321)

Have a look what the booklet for
YUV(226.5520, 2.6859, -21.5321)
contains.

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Color

**YUV(226.5520, 2.6859,
-21.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEEE8
RGB	202, 238, 232
RGB Percent	79%, 93%, 91%
CMY	0.2078, 0.0667, 0.0902
CMYK	0.15, 0.00, 0.03, 0.07
HSL	170°, 51%, 86%
HSV	170°, 15%, 93%
XYZ	69.4971, 79.5318, 88.0322
YIQ	226.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

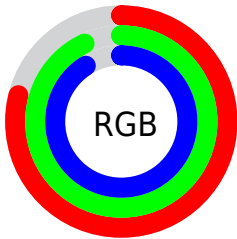
Format	Color
R _Y B	202, 222, 238
Decimal	13299432
CIE Lab	91.47, -12.80, -1.02
CIE LCh	91, 12.843, 184.548
Yxy	79.5318, 0.2932, 0.3355
Android (android.graphics.Color)	4291489512 (0xFFCAEEEE8)
YUV	226.5520, 2.6859, -21.5321
Hunter-Lab	89.1806, -16.9636, 3.8999

Details

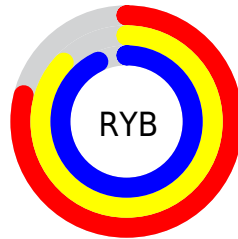
The YUV color $226.5520, 2.6859, -21.5321$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.4480, -2.6859, 21.5321$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.1500, 2.3911, -20.3025$ is the 20% darker color. If you saturate the color by 10%, you get $218.9200, 4.4764, -35.8868$, and if you desaturate by 10%, it is $234.1840, 0.8953, -7.1774$.

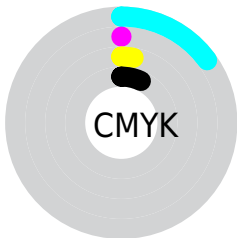
Distribution



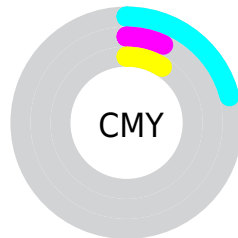
- Red (79%)
- Green (93%)
- Blue (91%)



- Red (79%)
- Yellow (87%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5520, 2.6859, -21.5321 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 226.5520, 2.6859, -21.5321 by changing the saturation by 10% instead.

■ 226.5520, 2.6859,
-21.5321

■ 226.5520, 2.6859,
-21.5321

255.0000, 0.0000,
0.0000

■ 198.5520, 2.6859,
-21.5321

■ 171.1500, 2.3911,
-20.3025

■ 144.2640, 2.8278,
-20.4025

■ 118.5630, 2.6804,
-19.7878

■ 93.8620, 2.5330,
-19.1730

■ 69.8620, 2.5330,
-19.1730

■ 47.2750, 2.8224,

-18.6582

■ 25.0900, 3.4066,
-19.3729

■ 6.7820, 0.6005,
-5.9478

■ 226.5520, 2.6859,
-21.5321

■ 226.5520, 2.6859,
-21.5321

■ 218.9200, 4.4764,
-35.8868

■ 234.1840, 0.8953,
-7.1774

■ 211.2880, 6.2670,
-50.2416

■ 241.8160, -0.8953,
7.1774

■ 203.9550, 7.9102,
-63.9815

■ 243.7670, 0.1149,
9.8513

■ 196.3230, 9.7008,
-78.3363

■ 244.2230, 1.8621,
9.4514

■ 188.6910, 11.4913,
-92.6910

■ 244.6790, 3.6093,
9.0515

■ 181.0590, 13.2819,
-107.0457

■ 245.0210, 4.9196,
8.7516

■ 173.4270, 15.0725,
-121.4005

■ 166.0940, 16.7157,
-135.1404

■ 162.2780, 17.6109,
-142.3178

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2880, -3.5930, -14.2846



226.5520, 2.6859, -21.5321



226.7350, 8.5116, -23.4466

Triad

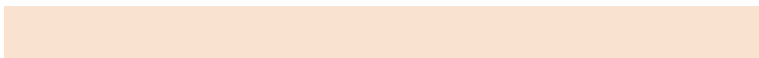
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.5520, 2.6859, -21.5321



232.1280, 9.3039, 2.5187



231.2380, -10.9633, 16.4543

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



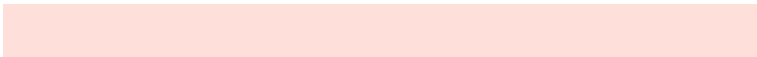
226.5520, 2.6859, -21.5321



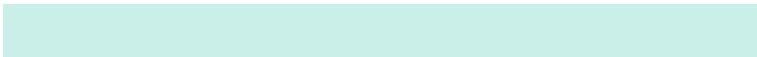
213.4480, -2.6859, 21.5321

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.8840, -7.3378, 20.2727



226.5520, 2.6859, -21.5321



233.4130, 3.7404, 13.6698

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



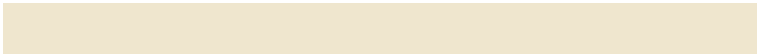
226.5520, 2.6859, -21.5321



230.4470, 12.1046, -9.1620



232.6650, -1.8068, 19.5878



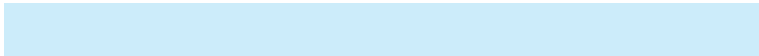
229.9550, -11.8098, 7.9325

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



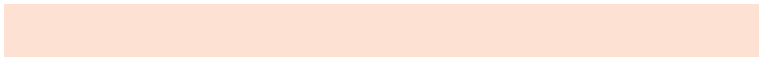
226.5520, 2.6859, -21.5321



228.0280, 10.8322, -21.0726



232.6650, -1.8068, 19.5878



231.7760, -10.2426, 18.6134

Sweetspot

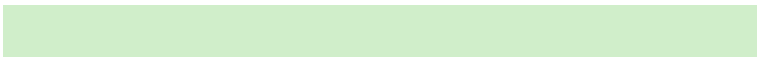
The Sweet Spot groups the original color and five complimentary colors.



226.5520, 2.6859, -21.5321



250.8850, 1.0427, -7.7921



224.9260, -11.3025, -14.8441



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



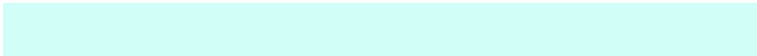
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.5520, 2.6859, -21.5321



240.3340, 3.2863, -27.4799



220.7790, 8.4900, -16.4692



116.1840, 0.8953, -7.1774



125.4500, 13.5822, -110.0196



38.2300, 4.3236, -33.5277

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



213.4480, -2.6859, 21.5321



223.6660, -3.2863, 27.4799



219.8080, -8.7793, 15.9544



111.8160, -0.8953, 7.1774



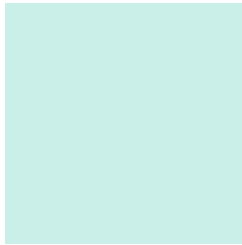
58.5500, -13.5821, 110.0196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 226.5520, 2.6859, -21.5321 looks on a white background.

Color Contrast Check

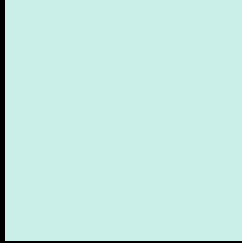
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 226.5520, 2.6859, -21.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

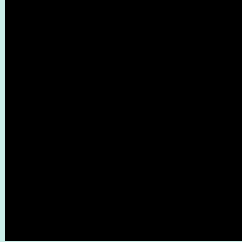
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

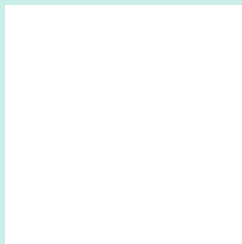
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.5520, 2.6859, -21.5321 Background



This preview shows how black text looks on a background with the YUV color 226.5520, 2.6859, -21.5321.



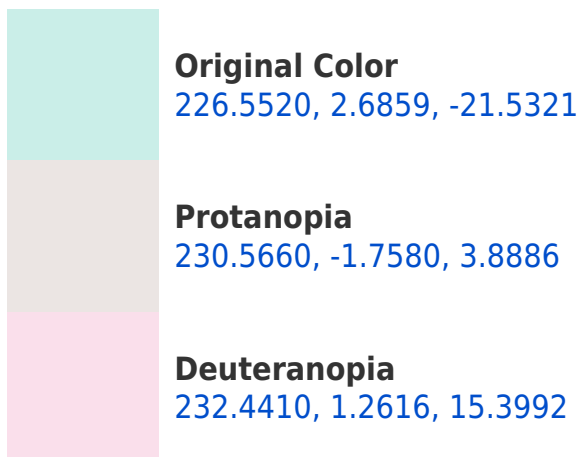
This preview shows how white text looks on a background with the YUV color 226.5520, 2.6859, -21.5321.

-21.5321.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

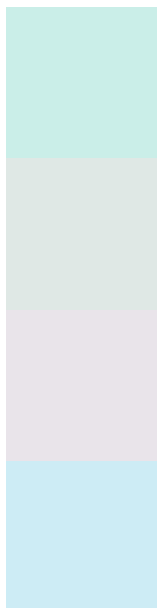




Tritanopia

228.3810, 12.1372, -19.6281

Trichromacy



Original Color

226.5520, 2.6859, -21.5321

Protanomaly

228.9670, 0.0163, -5.2331

Deuteranomaly

230.1790, 1.8838, 2.4740

Tritanomaly

227.7570, 8.5008, -19.9579

Monochromacy



Original Color

226.5520, 2.6859, -21.5321

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8850, 1.0427, -7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5520, 2.6859, -21.5321 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 238, 232)` looks like.

```
.text, #text, p{  
    color:rgb(202, 238, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 238, 232) }
```

Border

The CSS property to change the border of an element to YUV 226.5520, 2.6859, -21.5321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 238, 232) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(202, 238, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(202, 238, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(202, 238,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 226.5520, 2.6859, -21.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 238, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
238, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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